

Claims

1. An information storage device comprising  
first communication means, second communication means,  
5 and control means for performing processes in accordance  
with commands received from the first communication means  
and the second communication means, the information  
storage device comprising:

information storage means for storing disclosure  
10 information to be disclosed through the second  
communication means; and

information disclosure means for referring to the  
information storage means in accordance with an inquiry  
from the second communication means,

15 wherein the control means stores disclosure  
information indicating a result of a process performed  
through the first communication means in the information  
storage means, and

wherein the information disclosure means refers to  
20 the information storage means in response to an inquiry  
from the second communication means, and discloses the  
disclosure information when the disclosure information  
has been stored.

25 2. An information storage device comprising

first communication means for performing communication in a contactless manner, second communication means for performing communication in a contact manner, and control means for performing processes in accordance with  
5 commands received from the first communication means and the second communication means, the information storage device comprising:

information storage means for storing disclosure information to be disclosed through the second  
10 communication means; and

information disclosure means for referring to the information storage means in accordance with an inquiry from the second communication means,

wherein the control means generates disclosure  
15 information and stores the disclosure information in the information storage means when a process performed through the first communication means has been terminated, and

wherein the information disclosure means refers to  
20 the information storage means in response to an inquiry from the second communication means, and discloses the disclosure information when the disclosure information has been stored.

25 3. An information storage device comprising

first communication means for performing communication in a contact manner, second communication means for performing communication in a contactless manner, and control means for performing processes in accordance with 5 commands received from the first communication means and the second communication means, the information storage device comprising:

information storage means for storing disclosure information to be disclosed through the second 10 communication means; and

information disclosure means for referring to the information storage means in accordance with an inquiry from the second communication means,

wherein the control means generates disclosure 15 information and stores the disclosure information in the information storage means when a process performed through the first communication means has been terminated, and

wherein the information disclosure means refers to 20 the information storage means in response to an inquiry from the second communication means, and discloses the disclosure information when the disclosure information has been stored.

25 4. The information storage device according to

any one of claims 1 through 3,

wherein the control means performs control so that  
disclosable information of the result of the process  
performed through the first communication means is  
5 contained in the disclosure information.

5. The information storage device according to  
any one of claims 1 through 3,

wherein the control means exchanges an encryption  
10 key in advance with equipment to which the disclosure  
information should be disclosed through the second  
communication means, encrypts the disclosure  
information with the encryption key, and stores the  
encrypted disclosure information in the information  
15 storage means.

6. The information storage device according to  
any one of claims 1 through 3,

wherein the information disclosure means gives a  
20 response to the inquiry from the second communication  
means without performing any authentication process.

7. An information processing apparatus for  
performing communication through second communication  
25 means with an information storage device including first

communication means and the second communication means,  
the information processing apparatus comprising:

disclosure information supervision means for  
supervising disclosure information indicating a result  
5 of a first process through the second communication means,  
the first process being performed through the first  
communication means by the information storage device,  
wherein the information processing apparatus  
performs a second process when the disclosure information  
10 supervision means acquires the disclosure information  
from the information storage device.

8. An information processing apparatus for  
performing communication through second communication  
means with an information storage device including first  
15 communication means performing communication in a  
contactless manner and the second communication means  
performing communication in a contact manner, the  
information processing apparatus comprising:

20 disclosure information supervision means for  
supervising disclosure information through the second  
communication means, the disclosure information being  
generated by the information storage device when a first  
process is terminated, the first process being performed  
25 through the first communication means by the information

storage device,

wherein the information processing apparatus performs a second process in cooperation with the first process when the disclosure information supervision means acquires the disclosure information from the information storage device.

9. An information processing apparatus for performing communication through second communication means with an information storage device including first communication means performing communication in a contact manner and the second communication means performing communication in a contactless manner, the information processing apparatus comprising:

15 disclosure information supervision means for supervising disclosure information through the second communication means, the disclosure information being generated by the information storage device when a first process is terminated, the first process being performed 20 through the first communication means by the information storage device,

wherein the information processing apparatus performs a second process in cooperation with the first process when the disclosure information supervision means acquires the disclosure information from the

information storage device.

10. The information processing apparatus according to any one of claims 7 through 9,  
5 wherein the disclosure information supervision means repetitively performs polling on the information storage device engaging in execution of the first process, so as to supervise the disclosure information. . . . .

10 11. The information processing apparatus according to any one of claims 7 through 9,  
wherein, as the second process, the information processing apparatus displays the disclosure information acquired from the information storage  
15 device.

12. The information processing apparatus according to any one of claims 7 through 9,  
wherein the information processing apparatus exchanges an encryption key in advance with the information storage device, acquires the disclosure information encrypted from the information storage device, and decrypts the encrypted disclosure information with the encryption key.  
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13. The information processing apparatus  
according to any one of claims 7 through 9,

wherein, as the second process, the information  
processing apparatus activates a terminal function  
5 specified from an identifier designated explicitly in  
the disclosure information acquired from the information  
storage device.

14. The information processing apparatus  
10 according to any one of claims 7 through 9,

wherein, as the second process, the information  
processing apparatus identifies a category of the  
disclosure information acquired from the information  
storage device and activates a terminal function fitted  
15 to the information.

15. The information processing apparatus  
according to claim 13,

wherein arguments to be used for activating the  
20 terminal function are contained in the disclosure  
information.

16. The information processing apparatus  
according to claim 14,

25 wherein arguments to be used for activating the

terminal function are contained in the disclosure information.